

Eastern Illinois University

The Keep

The Technologist: School of Technology Alumni
Newsletters

Technology, School of

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School of Technology

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Applied Engineering and Technology (AET) Degree Title Replaces Industrial Technology

Effective fall semester 2010 the undergraduate industrial technology degree program will change its program title to Applied Engineering and Technology (AET). During the 2008-2009 academic year faculty in the Industrial Technology program sought to revise the core curriculum to incorporate changes already made within the accrediting body, the Association of Technology, Management, and Applied Engineering (ATMAE) formerly National Association of Industrial Technology (NAIT).

Over the past decade, the field of Industrial Technology has changed significantly. While the current curriculum has undergone minor changes, no substantial updates have been incorporated. Currently, there are three student organizations connected to professional societies active within the School of Technology, ATMAE, Society of Manufacturing Engineers (SME) and Technical Association of Graphic Arts (TAGA). SME has surveyed industrial companies regarding the skills that are needed by students in programs such as ours. In addition, ATMAE has undergone a similar process of changing the association name to better reflect the changes in technology and in what is being taught within its accredited programs.

AET students will continue to receive comprehensive, hands-on education that emphasizes the study and application of materials, processes and technical management. The AET students will continue to have options in the traditional areas of concentrations including Production, Automation and Control, Construction and Digital Printing, Imaging and Web Technology. There is an additional concentration that focuses on flexibility in the program. This new General Concentration will allow students a more well rounded educational experience in AET; while meeting the individual student's career goals mingled with the traditional strong program foundation.

Major changes in the curriculum include an increased number of courses in the core and the addition of newly developed courses. Core courses have been divided into four areas: Introduction to Technology Studies; Technical Development; Professional Development; and Technical Areas of Concentration. These core areas of study will provide the student with the necessary building blocks to successfully compete in this technological advancing field of study.

Organizational and Professional Development Degree in School of Technology Unveiled

Beginning fall semester, 2010, the Career and Organizational Studies major will change its program title to Organizational and Professional Development (OPD). This name change reflects approximately three years of work on revisions to the program's curriculum that have sought to better position the program for the future.

These changes began with a series of surveys and focus group discussions with students, graduates, and local employers in 2006-2007. One of the frequently expressed concerns was that the title "Career and Organizational Studies" did not accurately reflect the competencies obtained by graduates of the program. Many participants suggested a high priority should be placed on changing the program's name to something more reflective of its actual content and competencies.

The new title seeks to convey the program's emphasis on understanding the human aspects of organizations, including people, processes, and practices. Core competencies of the program equip graduates to engage in a variety of organizational development activities – team building, training, coaching and mentoring—with an understanding of the interaction between the professional development of individual employees and the organization's over-all development strategies.

In addition to the name change, the Organizational and Professional Development curriculum is one of three programs at Eastern approved for online delivery beginning fall semester of 2010. While all of the core courses have been available online for several years this new commitment by the university to provide support courses for degree completion should make the OPD degree more attractive to students.

"Many people see technology as the problem behind the so-called digital divide. Others see it as the solution. Technology is neither. It must operate in conjunction with business, economic, political and social system."

- Carly Fiorina Chairwoman of Hewlett-Packard Co. 2000-2005

Articulation Agreement with Zhijiang College of Zhejiang University of Technology



Dr. Mahyar Izadi watches as Provost Blair Lord and Jianbing Ji sign articulation agreements.

On October 5, 2009 three representatives from Zhijiang College, Hangzhou, China attended an articulation agreement signing at Eastern Illinois University. The delegation from Zhijiang included President Jianbing Ji, Xia Xai Hu, chair of mechanical and industrial engineering, and Junhui Huang, deputy director of student affairs. While on campus the group met with Blair Lord, provost and vice president for academic affairs.

The idea for the agreement came from professor William Ge Jiang, a visiting professor from Zhijiang College in 2007. Drs. Izadi and Liu worked on details of this agreement during their visit to China in October, 2008. The terms of the agreement allow students to finish two years in the industrial engineering program at Zhijiang College and then complete an additional two and a half years in Eastern's Applied Engineering and Technology program.

Prior to the signing Dr. Izadi, Chair of the School of Technology provided a tour the EIU campus.



Two Former Students Deliver Commencement Addresses

Editor-in-chief for American Publishers Inc, Homewood, Illinois and current chair of the School of Technology Advisory Board, Dr. Jonathan Gosse '74 presented the "Charge to the Class" during the morning ceremony of Eastern Illinois University's fall 2009 commencement. Dr. Janet (Metcalf) Treichel '64 & '71 presented that "charge" during the spring 2010 ceremony and received an honorary doctorate. Gosse graduated from School of Technology and Treichel from Business Education. They each have gone on to become highly successful individuals in their respective fields.



Dr. Jonathan Gosse



Dr. Janet Treichel

Gosse shared a story of an assignment he received many years ago in Klehm Hall from Dr. Gene Strandberg. After a brief synopsis of all the activities he chose to embrace rather than choosing to do the paper he shared that his grade of C+ was accompanied by a comment from the instructor that he "expected more from him" in the paper. In his closing remarks, Gosse told the graduates that family and friends are "expecting more from you" because of their degree completion.

Dr. Treichel spoke of her long history with EIU. Her father, Don Metcalf, was the chief engineer at the EIU Physical Plant, her grandmother was a housekeeper in Pemberton Hall. Dr. Treichel attended the EIU Lab School as a child, taught at EIU for a time and has received numerous awards and honors from the University including a 1993 School of Business Distinguished Alumnus and 1996 EIU Alumni Association Distinguished Alumnus Award.

It was an honor for the School of Technology to have two exceptional alumnus delivering the "Charge to the Class" during the 2009-2010 academic year.

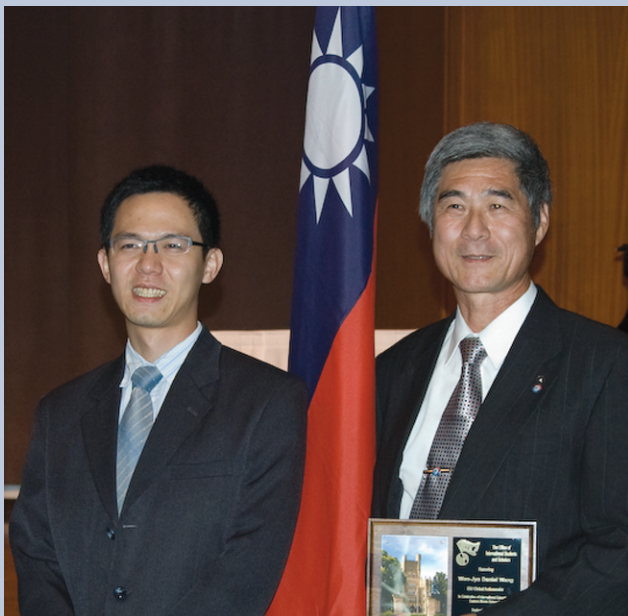
Faculty Making a Difference

Dr. Chinchilla was selected as the Role Model of the Week for Greatmindsinstem.org.

Dr. Lance Hogan presented with Graduate Student, Kim Ervin in EIU's Graduate Showcase.

Faculty members Bai, Cloward, Grant, Gucione, McDonald, McKirahan, Melton, Steinke, Wu and Woodley received Redden Fund Grants for FY 10. Redden funds are used for improvement in undergraduate education.

Dr. Wafeek Wahby has had numerous papers accepted for presentation at national and international conferences including Germany and Portugal.



Steve Wang stands with his father, Wen-Jyh Daniel Wang after Daniel Wang received his Global Ambassador Award.

International EIU Alumni Recognized as Global Ambassadors

Eastern Illinois University recognized eight former international students during ceremonies September 18-20, 2009. "We will honor these alumni who exemplify Eastern Illinois University's definition of global citizen," said Sue Songer, director of the Office of International Programs. "We once applauded them, as students, for their courage in leaving home to live and study in a new land and culture. They now share a common history and enjoy excellent reputations in their careers and lives." For more than 50 years, Eastern Illinois University has hosted international students on its campus. As part of the weekend ceremonies honorees toured campus and their former departments, met with EIU President Bill Perry and were honored at a formal dinner/awards ceremony on Saturday. Wen-Jyh Daniel Wang ('89) former graduate student in the School of Technology was honored at this year's event. Wang, who currently lives in Taiwan, attended this year's ceremony. Wang came to the U.S. at the age of 35 to pursue a master's degree in technology at EIU. Following his graduation in 1989 he went on to study at Purdue University and Penn State. He returned to Taiwan and accepted a teaching position at Chen-Shiu University (which was a junior college at the time). Two years later he was named chair of that university's Department of Industrial Engineering and Management. Dr. Wang's ties with Eastern are strong. His son - Shou-Jen "Steve" Wang is currently a student in EIU's technology program.

Faculty & Student Awards & Achievements



Dr. Julie Chadd served as faculty marshal for LCBAS in the Fall 2009 ceremony.



Dr. Thomas Hawkins served as faculty marshal for the Graduate School in the Fall 2009 ceremony.



Dr. Julie Chadd received the NCBEA Distinguished Service Award Collegiate Teacher of the Year and the 2009 IACTE Outstanding CTE Educator Award.



Dr. Karen Drage received the IBEA 2009 Collegiate Teacher of the Year Award.



Dr. Deborah Woodley served as Commencement Marshal for the Spring 2010 ceremony.



Christina Frye received the off-campus 2010 Distinguished Graduate Student Award.



Joseph Tillman received the on-campus 2010 Distinguished Graduate Student Award & the King-Mertz Research/Creative Activity Award.



Shaukat Sheikh received the Outstanding International Student Award.

2010 Student Awards

The School of Technology 2010 Scholarships and Awards Program was held on April 11, 2010 at 2:00 p.m. Over 100 friends and family members were in attendance to celebrate the 20 awardees' achievements. In addition to two scholarships, Alex Leuty received the NBEA Award of Merit. Bryan Sparks, who received the Lou Ann and Tom Waskom Scholarship and the Harold D. Fildes Scholarship was unable to attend.

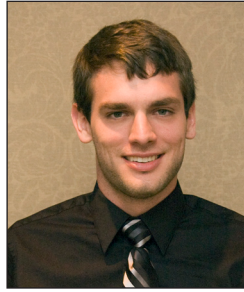
INT



*Kyle Kuentler
Roy E. Ehrsam
Scholarship*



*David Stack
Roy E. Ehrsam
Scholarship*



*Robert Raschke
Charles A. Elliott
Technology Education*



*Brian Korstanje
Lois E. Elliott Industrial
Technology Scholarship*



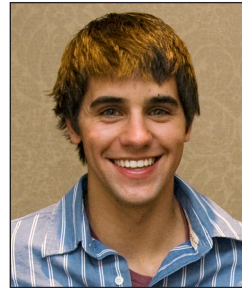
*Jamison Klein
Grote Stahl Scholarship
Award*



*Kyle Kuentler
Lucille M. Klehm
Technology Education*



*Zachary Hayes pictured with Keith Kohanzo
Kenneth & Keith Kohanzo
Industrial Technology Scholarship*



*Matthew Krezwick
Messer Family Scholar-
ship in Technology*

CTE and COS



Karl Rabe pictured here with Dr. Tom Waskom, received both the Lou Ann and Tom Waskom Scholarship and the School of Technology Alumni Scholarship



Tori Rehahn and Jamison Klein, pictured here with Dr. Lillian Greathouse, both received Lillian R. Greathouse Scholarships



Alex Leuty received the James D. Price and W.C. Simmons Memorial Award



Pantea Toosi and Jenna R. Rabe, pictured here with Dr. Thomas Hawkins, and Mitchell L. Sempowicz each received Felstehausen-Boldrey Excellence in Career & Organizational Studies Awards



Student Ambassadors for 2009-2010 served as hosts for the Awards Program

Study Abroad Initiatives Lead Students to Italy and Equador

Dr. Julie Chadd led a group of 13 education majors on a study abroad trip to Florence, Italy. The course, Education in Italy and America, involved a comparative study of the two countries' educational systems through firsthand experience. Students were able to visit three schools--pre-primary, primary, and a technical high school. Teachers from Florence provided the students background information to help them understand the cultural context of schooling in Italy. Topics included historical information, school culture, current trends, and language learning. Coursework prior to leaving for Italy involved a review of the educational system in



the United States as a basis for comparison with the Italian educational system. Other assignments included a journal reflecting on the experiences during the trip, comparisons of the two countries' educational systems, and a presentation on a topic or experience that was most meaningful to them. Students completing the course were able to differentiate between the learning environment in Florence, Italy and learning environments in the United States. They examined Tuscan lifestyles through the influences of food, wine, traditions, architecture, art, music, and personal interactions.

Dr. Rigo Chinchilla served as a faculty leader for Spring Break in Ecuador. The trip focus is an intensive Spanish program that includes 20 hours of Spanish instruction, combined with culturally relevant excursions



and interaction with local native families. The program is based in Quito, Ecuador at the Fundacion Yanapuma. Yanapuma Foundation runs its own Spanish School in Quito, offers the ultimate in an integrative learning experience, providing students ample opportunity to learn about the social, cultural and environmental realities of Ecuador through the course materials that is offered.

Outdoor classes and excursions were also a part of the trip and students were encouraged to explore Quito's markets, museums, parks and tourist areas with their teacher during classes.

Alumni Making a Difference

Illinois Teacher of the Year

The Illinois Teacher of the Year is again an Eastern CTE educator. Kevin Rutter, a teacher at the Academy of Finance at Carl Schurz High School in Chicago has been named Illinois Teacher of the Year. Mr. Rutter grew up in Orland Park and went to Moraine Valley Community College. He holds a bachelor's degree from Eastern Illinois University and a master's degree from Loyola University Chicago. Congratulations to Kevin.

Future Fund Provides Opportunities for Graduate Study

In our current volatile economy, the impact of our alumni and donors in securing private funding for our students and programs has never been more critical in maintaining our level of excellence in education. All concentrations within the School of Technology require state-of-the-art facilities, something that state-assisted institutions sometimes lack with diminishing dollars and high demands. Many students today are pursuing graduate degrees to retool for the future, and the School of Technology offers several options. It is important that learning at the graduate level include the opportunity to research and gain more in-depth knowledge on a subject. The graduate program in Technology prepares students to become successful leaders in today's technological and global environment. The program is designed to provide students with opportunities for developing advanced professional, technical and personal competencies in the field of technology by enabling students to identify, develop and implement quality strategies and practices in contemporary organizations. Additionally, students enhance their research and communication skills necessary for technological leadership, while gaining an appreciation of ethical and social implications of technology related to a global and technological society.

Graduate curriculum in the School of Technology requires high-tech labs that allow students to study and test theories that only an educational setting can provide. Our external partners often take advantage of this research opportunity to test designs and solve problems in the work place.

With the support of alumni and friends like you and with the support of our faculty and School of Technology Advisory Board, we will continue to meet our educational goals and create sustainable funding that will make a difference for years to come. Gifts to the Future Fund of \$10,000 or more will be recognized with a room in Klehm Hall named in their honor. For more information on how to make a gift to the Future Fund, contact Jacqueline Joines, CFRE, Director of Philanthropy by phone at 217-581-5181 or by e-mail at jsjoines@eiu.edu. Contact us today to help create a Future for our students that can change their life!



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Where Are You Now?

We are interested in hearing about the successes of our alumni. If you would like to share your latest accomplishments, please visit:
www.eiu.edu/~tech/alumni/alumni.php
to complete the Alumni Profile Form online, or print it out and mail it to:

**School of Technology
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600 Lincoln Avenue
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We look forward to hearing from you!

*Dr. Deborah Woodley - Editor
Mr. Gabe Grant - Photographer*

Walking Through My Door

Dr. Deborah Woodley

It happens more frequently now. I hear a knock at my door and a somewhat familiar face peeks in. The conversation usually starts with, "I don't know if you remember me..." and quite frequently I don't, at least not right away. Perhaps it is the 25 years I have worked here that allows me to witness these homecomings. Often maturity and the few gray hairs fool me for a while but eventually I remember. We talk awhile. Sometimes they have popped in because their child is attending Eastern or business has brought them to Charleston. Either way they have come to campus and decided to drop by their old department to see who is still around. I run through the list of active and retired faculty from their era. They reminisce about their time at EIU, we talk about what they are doing now. Some have stayed in teaching careers, many are working as design engineers, manufacturing managers and production supervisors. Some own their own company or have become CEO or president of another organization. The stories of their successes are wonderful to hear.

Often, there is one particular professor they would like to contact. I sometimes walk with the former student to the professors office, or more frequently these days, call the professor at home, telling them that someone would like to drop by to visit with them. I provide directions or a phone number and send them on their way. I usually follow-up with the professor to see how the visit went. I hear stories of the students' and sometimes the professors' early frustrations as adjustments took place. What always follows are tales of the accomplishments, growth and ultimately success of the student. And the success of our students is what makes our time on campus well spent.

So, if you are near Charleston one of these days take the time to walk through my door. Take a moment to tour your old lab - things have changed a lot but one thing has not changed - our interest in you.